

Incidence of Elevated Blood Lead Level Levels (BLL $\geq$ 10  $\mu$ g/dL) Among RI Children By City and Town 1997-2001  
 Numbers are Based on Each Child's Highest Blood Test (Capillary or Venous) in a Given Year



| City/Town            | 1997  |  |                | 1998  |  |                | 1999  |  |                | 2000  |  |                | 2001  |  |                |
|----------------------|---|--|----------------|---|--|----------------|---|--|----------------|---|--|----------------|---|--|----------------|
|                      | # Children with BLL $\geq$ 10 $\mu$ g/dL for the First Time | Total # Children Screened with No Previous Elevated Blood Lead Level | Incidence 1997 | # Children with BLL $\geq$ 10 $\mu$ g/dL for the First Time | Total # Children Screened with No Previous Elevated Blood Lead Level | Incidence 1998 | # Children with BLL $\geq$ 10 $\mu$ g/dL for the First Time | Total # Children Screened with No Previous Elevated Blood Lead Level | Incidence 1999 | # Children with BLL $\geq$ 10 $\mu$ g/dL for the First Time | Total # Children Screened with No Previous Elevated Blood Lead Level | Incidence 2000 | # Children with BLL $\geq$ 10 $\mu$ g/dL for the First Time | Total # Children Screened with No Previous Elevated Blood Lead Level | Incidence 2001 |
| BARRINGTON           | 17  | 539  | 3.2%           | 17  | 595  | 2.9%           | 18  | 591  | 3.0%           | 11  | 619  | 1.8%           | 13  | 668  | 1.9%           |
| BRISTOL              | 37  | 630  | 5.9%           | 27  | 615  | 4.4%           | 30  | 646  | 4.6%           | 11  | 604  | 1.8%           | 25  | 676  | 3.7%           |
| BURRILLVILLE         | 34  | 418  | 8.1%           | 28  | 432  | 6.5%           | 33  | 404  | 8.2%           | 27  | 375  | 7.2%           | 15  | 362  | 4.1%           |
| CENTRAL FALLS        | 137   | 773  | 17.7%          | 101   | 770  | 13.1%          | 103   | 845  | 12.2%          | 111   | 852  | 13.0%          | 88  | 951  | 9.3%           |
| CHARLESTOWN          | 6   | 188  | 3.2%           | 8   | 164  | 4.9%           | 4   | 180  | 2.2%           | 11  | 200  | 5.5%           | 8   | 222  | 3.6%           |
| COVENTRY             | 25  | 807  | 3.1%           | 19  | 763  | 2.5%           | 22  | 824  | 2.7%           | 21  | 853  | 2.5%           | 21  | 906  | 2.3%           |
| CRANSTON             | 102   | 1,610  | 6.3%           | 77  | 1,662  | 4.6%           | 87  | 1,837  | 4.7%           | 76  | 1,707  | 4.5%           | 69  | 1,883  | 3.7%           |
| CUMBERLAND           | 19  | 814  | 2.3%           | 12  | 821  | 1.5%           | 23  | 816  | 2.8%           | 22  | 859  | 2.6%           | 24  | 871  | 2.8%           |
| EAST GREENWICH       | 5   | 286  | 1.7%           | 7   | 289  | 2.4%           | 4   | 284  | 1.4%           | 8   | 284  | 2.8%           | 10  | 341  | 2.9%           |
| EAST PROVIDENCE      | 65  | 1,137  | 5.7%           | 70  | 1,183  | 5.9%           | 71  | 1,206  | 5.9%           | 56  | 1,162  | 4.8%           | 74  | 1,438  | 5.1%           |
| EXETER               | 6   | 172  | 3.5%           | 3   | 134  | 2.2%           | 3   | 142  | 2.1%           | 4   | 152  | 2.6%           | 5   | 146  | 3.4%           |
| FOSTER               | 1   | 101  | 1.0%           | 2   | 90   | 2.2%           | 0   | 95   | 0.0%           | 3   | 105  | 2.9%           | 7   | 120  | 5.8%           |
| GLOCESTER            | 7   | 172  | 4.1%           | 5   | 183  | 2.7%           | 8   | 216  | 3.7%           | 8   | 182  | 4.4%           | 8   | 170  | 4.7%           |
| HOPKINTON            | 8   | 196  | 4.1%           | 8   | 166  | 4.8%           | 9   | 207  | 4.3%           | 10  | 248  | 4.0%           | 7   | 267  | 2.6%           |
| JAMESTOWN            | 15  | 107  | 14.0%          | 8   | 95   | 8.4%           | 3   | 107  | 2.8%           | 9   | 105  | 8.6%           | 4   | 113  | 3.5%           |
| JOHNSTON             | 20  | 663  | 3.0%           | 21  | 669  | 3.1%           | 21  | 618  | 3.4%           | 9   | 578  | 1.6%           | 23  | 685  | 3.4%           |
| LINCOLN              | 29  | 506  | 5.7%           | 21  | 494  | 4.3%           | 21  | 488  | 4.3%           | 14  | 483  | 2.9%           | 20  | 492  | 4.1%           |
| LITTLE COMPTON       | 3   | 84   | 3.6%           | 0   | 82   | 0.0%           | 9   | 98   | 9.2%           | 9   | 84   | 10.7%          | 4   | 106  | 3.8%           |
| MIDDLETOWN           | 13  | 384  | 3.4%           | 12  | 379  | 3.2%           | 18  | 440  | 4.1%           | 19  | 420  | 4.5%           | 13  | 458  | 2.8%           |
| NARRAGANSETT         | 9   | 380  | 2.4%           | 9   | 377  | 2.4%           | 11  | 395  | 2.8%           | 9   | 367  | 2.5%           | 8   | 333  | 2.4%           |
| NEW SHOREHAM         | 0   | 22   | 0.0%           | 3   | 28   | 10.7%          | 2   | 33   | 6.1%           | 0   | 32   | 0.0%           | 2   | 27   | 7.4%           |
| NEWPORT              | 72  | 686  | 10.5%          | 62  | 687  | 9.0%           | 60  | 764  | 7.9%           | 75  | 780  | 9.6%           | 85  | 804  | 10.6%          |
| NORTH KINGSTOWN      | 41  | 720  | 5.7%           | 23  | 720  | 3.2%           | 11  | 766  | 1.4%           | 19  | 784  | 2.4%           | 27  | 872  | 3.1%           |
| NORTH PROVIDENCE     | 25  | 680  | 3.7%           | 25  | 696  | 3.6%           | 20  | 621  | 3.2%           | 22  | 617  | 3.6%           | 17  | 626  | 2.7%           |
| NORTH SMITHFIELD     | 7   | 230  | 3.0%           | 3   | 230  | 1.3%           | 6   | 244  | 2.5%           | 7   | 253  | 2.8%           | 7   | 243  | 2.9%           |
| PAWTUCKET            | 213   | 2,366  | 9.0%           | 213   | 2,387  | 8.9%           | 187   | 2,412  | 7.8%           | 168   | 2,368  | 7.1%           | 160   | 2,610  | 6.1%           |
| PORTSMOUTH           | 15  | 450  | 3.3%           | 19  | 448  | 4.2%           | 12  | 507  | 2.4%           | 15  | 486  | 3.1%           | 17  | 536  | 3.2%           |
| PROVIDENCE           | 1,024   | 6,256  | 16.4%          | 701   | 6,017  | 11.7%          | 849   | 6,304  | 13.5%          | 681   | 6,139  | 11.1%          | 761   | 7,401  | 10.3%          |
| RICHMOND             | 8   | 152  | 5.3%           | 7   | 172  | 4.1%           | 3   | 182  | 1.6%           | 5   | 224  | 2.2%           | 8   | 247  | 3.2%           |
| SCITUATE             | 6   | 255  | 2.4%           | 9   | 274  | 3.3%           | 6   | 297  | 2.0%           | 4   | 269  | 1.5%           | 6   | 287  | 2.1%           |
| SMITHFIELD           | 10  | 379  | 2.6%           | 11  | 372  | 3.0%           | 7   | 410  | 1.7%           | 9   | 360  | 2.5%           | 7   | 402  | 1.7%           |
| SOUTH KINGSTOWN      | 45  | 728  | 6.2%           | 34  | 780  | 4.4%           | 34  | 820  | 4.1%           | 22  | 763  | 2.9%           | 32  | 836  | 3.8%           |
| TIVERTON             | 25  | 434  | 5.8%           | 17  | 407  | 4.2%           | 11  | 411  | 2.7%           | 16  | 414  | 3.9%           | 27  | 487  | 5.5%           |
| WARREN               | 18  | 305  | 5.9%           | 20  | 308  | 6.5%           | 15  | 316  | 4.7%           | 17  | 303  | 5.6%           | 12  | 349  | 3.4%           |
| WARWICK              | 63  | 1,772  | 3.6%           | 60  | 1,866  | 3.2%           | 74  | 1,882  | 3.9%           | 49  | 1,751  | 2.8%           | 45  | 2,032  | 2.2%           |
| WEST GREENWICH       | 1   | 143  | 0.7%           | 2   | 142  | 1.4%           | 2   | 142  | 1.4%           | 2   | 128  | 1.6%           | 2   | 138  | 1.4%           |
| WEST WARWICK         | 49  | 755  | 6.5%           | 32  | 804  | 4.0%           | 42  | 773  | 5.4%           | 22  | 731  | 3.0%           | 34  | 847  | 4.0%           |
| WESTERLY             | 21  | 311  | 6.8%           | 12  | 238  | 5.0%           | 20  | 258  | 7.8%           | 20  | 319  | 6.3%           | 19  | 431  | 4.4%           |
| WOONSOCKET           | 168   | 1,632  | 10.3%          | 162   | 1,727  | 9.4%           | 166   | 1,699  | 9.8%           | 139   | 1,538  | 9.0%           | 143   | 1,557  | 9.2%           |
| UNKNOWN RI CITY/TOWN | 0   | 0  | 0.0%           | 0   | 0  | 0.0%           | 0   | 0  | 0.0%           | 0   | 0  | 0.0%           | 0   | 0  | 0.0%           |
| STATEWIDE            | 2,369   | 28,243   | 8.4%           | 1,870   | 28,266   | 6.6%           | 2,025   | 29,280   | 6.9%           | 1,740   | 28,498   | 6.1%           | 1,857   | 31,940   | 5.8%           |

NOTE: A child may be represented more than once in a given year if he lived and was tested in more than one city or town during the same year.

Report run 04/29/2004

Source: RI Department of Health, CLPPP, LESS Database

**Incidence of Elevated Blood Lead Levels (BLL  $\geq 10$   $\mu\text{g}/\text{dL}$ ) Among RI Children By City and Town 2002-2006**  
 Numbers are Based on Each Child's Highest Blood Test (Capillary or Venous) in a Given Year\*



| City/Town            | 2002   |  |                | 2003   |  |                | 2004   |  |                | 2005*  |  |                | 2006*  |  |                |
|----------------------|--|--|----------------|--|--|----------------|--|--|----------------|--|--|----------------|--|--|----------------|
|                      | # Children with BLL $\geq 10$ $\mu\text{g}/\text{dL}$ for the First Time | Total # Children Screened with No Previous Elevated Blood Lead Level | Incidence 2002 | # Children with BLL $\geq 10$ $\mu\text{g}/\text{dL}$ for the First Time | Total # Children Screened with No Previous Elevated Blood Lead Level | Incidence 2003 | # Children with BLL $\geq 10$ $\mu\text{g}/\text{dL}$ for the First Time | Total # Children Screened With No Previous Elevated Blood Lead Level | Incidence 2004 | # Children with BLL $\geq 10$ $\mu\text{g}/\text{dL}$ for the First Time | Total # Children Screened With No Previous Elevated Blood Lead Level | Incidence 2005 | # Children with BLL $\geq 10$ $\mu\text{g}/\text{dL}$ for the First Time | Total # Children Screened With No Previous Elevated Blood Lead Level | Incidence 2006 |
| BARRINGTON           | 17   | 704  | 2.4%           | 6  | 644  | 0.9%           | 6  | 655  | 0.9%           | 0  | 682  | 0.0%           | 3  | 670  | 0.4%           |
| BRISTOL              | 25   | 662  | 3.8%           | 17   | 627  | 2.7%           | 12   | 587  | 2.0%           | 9  | 654  | 1.4%           | 4  | 634  | 0.6%           |
| BURRILLVILLE         | 19   | 390  | 4.9%           | 22   | 396  | 5.6%           | 12   | 374  | 3.2%           | 8  | 412  | 1.9%           | 3  | 407  | 0.7%           |
| CENTRAL FALLS        | 97   | 1,010  | 9.6%           | 59   | 992  | 5.9%           | 77   | 1,005  | 7.7%           | 41   | 1,114  | 3.7%           | 25   | 1,056  | 2.4%           |
| CHARLESTOWN          | 7  | 254  | 2.8%           | 5  | 221  | 2.3%           | 6  | 193  | 3.1%           | 1  | 199  | 0.5%           | 2  | 177  | 1.1%           |
| COVENTRY             | 13   | 859  | 1.5%           | 14   | 860  | 1.6%           | 7  | 840  | 0.8%           | 3  | 768  | 0.4%           | 3  | 804  | 0.4%           |
| CRANSTON             | 69   | 1,919  | 3.6%           | 34   | 1,831  | 1.9%           | 54   | 1,858  | 2.9%           | 23   | 1,853  | 1.2%           | 29   | 1,928  | 1.5%           |
| CUMBERLAND           | 11   | 913  | 1.2%           | 11   | 847  | 1.3%           | 9  | 879  | 1.0%           | 4  | 877  | 0.5%           | 6  | 829  | 0.7%           |
| EAST GREENWICH       | 7  | 331  | 2.1%           | 7  | 344  | 2.0%           | 7  | 360  | 1.9%           | 5  | 309  | 1.6%           | 0  | 344  | 0.0%           |
| EAST PROVIDENCE      | 45   | 1,431  | 3.1%           | 42   | 1,410  | 3.0%           | 41   | 1,430  | 2.9%           | 8  | 1,451  | 0.6%           | 13   | 1,498  | 0.9%           |
| EXETER               | 2  | 149  | 1.3%           | 1  | 139  | 0.7%           | 1  | 139  | 0.7%           | 1  | 118  | 0.8%           | 1  | 120  | 0.8%           |
| FOSTER               | 0  | 103  | 0.0%           | 8  | 102  | 7.8%           | 2  | 94   | 2.1%           | 1  | 115  | 0.9%           | 0  | 107  | 0.0%           |
| GLOCESTER            | 6  | 160  | 3.8%           | 5  | 152  | 3.3%           | 0  | 160  | 0.0%           | 1  | 181  | 0.6%           | 1  | 159  | 0.6%           |
| HOPKINTON            | 7  | 270  | 2.6%           | 5  | 231  | 2.2%           | 8  | 238  | 3.4%           | 3  | 213  | 1.4%           | 1  | 202  | 0.5%           |
| JAMESTOWN            | 2  | 118  | 1.7%           | 4  | 123  | 3.3%           | 2  | 114  | 1.8%           | 1  | 116  | 0.9%           | 0  | 113  | 0.0%           |
| JOHNSTON             | 18   | 677  | 2.7%           | 18   | 659  | 2.7%           | 13   | 601  | 2.2%           | 6  | 641  | 0.9%           | 2  | 578  | 0.3%           |
| LINCOLN              | 8  | 511  | 1.6%           | 1  | 480  | 0.2%           | 6  | 477  | 1.3%           | 5  | 455  | 1.1%           | 3  | 482  | 0.6%           |
| LITTLE COMPTON       | 4  | 110  | 3.6%           | 4  | 128  | 3.1%           | 2  | 114  | 1.8%           | 0  | 124  | 0.0%           | 3  | 110  | 2.7%           |
| MIDDLETOWN           | 20   | 436  | 4.6%           | 10   | 547  | 1.8%           | 11   | 567  | 1.9%           | 1  | 589  | 0.2%           | 4  | 613  | 0.7%           |
| NARRAGANSETT         | 9  | 356  | 2.5%           | 5  | 262  | 1.9%           | 5  | 238  | 2.1%           | 0  | 226  | 0.0%           | 0  | 218  | 0.0%           |
| NEW SHOREHAM         | 1  | 10   | 10.0%          | 1  | 23   | 4.3%           | 2  | 30   | 6.7%           | 0  | 28   | 0.0%           | 0  | 23   | 0.0%           |
| NEWPORT              | 65   | 804  | 8.1%           | 52   | 845  | 6.2%           | 35   | 761  | 4.6%           | 12   | 836  | 1.4%           | 9  | 847  | 1.1%           |
| NORTH KINGSTOWN      | 15   | 859  | 1.7%           | 12   | 816  | 1.5%           | 17   | 784  | 2.2%           | 3  | 728  | 0.4%           | 3  | 694  | 0.4%           |
| NORTH PROVIDENCE     | 14   | 667  | 2.1%           | 15   | 604  | 2.5%           | 13   | 594  | 2.2%           | 10   | 701  | 1.4%           | 4  | 641  | 0.6%           |
| NORTH SMITHFIELD     | 3  | 225  | 1.3%           | 4  | 220  | 1.8%           | 2  | 233  | 0.9%           | 0  | 203  | 0.0%           | 2  | 219  | 0.9%           |
| PAWTUCKET            | 144  | 2,559  | 5.6%           | 123  | 2,666  | 4.6%           | 109  | 2,678  | 4.1%           | 56   | 2,731  | 2.1%           | 43   | 2,761  | 1.6%           |
| PORTSMOUTH           | 15   | 518  | 2.9%           | 6  | 554  | 1.1%           | 13   | 570  | 2.3%           | 3  | 629  | 0.5%           | 0  | 586  | 0.0%           |
| PROVIDENCE           | 618  | 7,144  | 8.7%           | 473  | 7,628  | 6.2%           | 487  | 7,739  | 6.3%           | 341  | 7,539  | 4.5%           | 272  | 7,429  | 3.7%           |
| RICHMOND             | 8  | 241  | 3.3%           | 3  | 172  | 1.7%           | 8  | 177  | 4.5%           | 0  | 165  | 0.0%           | 0  | 162  | 0.0%           |
| SCITUATE             | 1  | 300  | 0.3%           | 5  | 271  | 1.8%           | 3  | 253  | 1.2%           | 3  | 278  | 1.1%           | 1  | 244  | 0.4%           |
| SMITHFIELD           | 2  | 399  | 0.5%           | 4  | 369  | 1.1%           | 2  | 332  | 0.6%           | 1  | 323  | 0.3%           | 1  | 383  | 0.3%           |
| SOUTH KINGSTOWN      | 41   | 814  | 5.0%           | 15   | 729  | 2.1%           | 28   | 745  | 3.8%           | 7  | 707  | 1.0%           | 3  | 666  | 0.5%           |
| TIVERTON             | 22   | 514  | 4.3%           | 16   | 472  | 3.4%           | 8  | 514  | 1.6%           | 0  | 516  | 0.0%           | 0  | 525  | 0.0%           |
| WARREN               | 10   | 363  | 2.8%           | 18   | 368  | 4.9%           | 10   | 327  | 3.1%           | 1  | 321  | 0.3%           | 6  | 342  | 1.8%           |
| WARWICK              | 41   | 1,965  | 2.1%           | 17   | 1,790  | 0.9%           | 41   | 1,847  | 2.2%           | 10   | 1,802  | 0.6%           | 9  | 1,813  | 0.5%           |
| WEST GREENWICH       | 3  | 147  | 2.0%           | 2  | 141  | 1.4%           | 2  | 135  | 1.5%           | 0  | 129  | 0.0%           | 0  | 123  | 0.0%           |
| WEST WARWICK         | 26   | 869  | 3.0%           | 19   | 800  | 2.4%           | 21   | 817  | 2.6%           | 10   | 808  | 1.2%           | 7  | 839  | 0.8%           |
| WESTERLY             | 33   | 656  | 5.0%           | 21   | 620  | 3.4%           | 16   | 570  | 2.8%           | 5  | 574  | 0.9%           | 6  | 536  | 1.1%           |
| WOONSOCKET           | 87   | 1,640  | 5.3%           | 77   | 1,578  | 4.9%           | 66   | 1,598  | 4.1%           | 38   | 1,499  | 2.5%           | 31   | 1,693  | 1.8%           |
| UNKNOWN RI CITY/TOWN | 0  | 0  | 0.0%           | 0  | 4  | 0.0%           | 3  | 91   | 3.3%           | 0  | 55   | 0.0%           | 0  | 3  | 0.0%           |
| STATEWIDE            | 1,535  | 32,057   | 4.8%           | 1,161  | 31,665   | 3.7%           | 1,167  | 31,718   | 3.7%           | 621  | 31,669   | 2.0%           | 500  | 31,578   | 1.6%           |

NOTE: A child may be represented more than once in a given year if he lived and was tested in more than one city or town during the same year.

\* Data are based on venous tests and confirmed capillary tests only

Report run 4/29/2004 for 2000-2003 data

Report run 2/24/2005 for 2004 data

Report run 3/16/2006 for 2005 data

Report run 1/31/2007 for 2006 data

Source: RI Department of Health, CLPPP, LESS Database